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(54) Title: **GRANULATES CONTAINING FEED-ENZYMES**

(57) Abstract: The present invention describes a process for the preparation of an enzyme-containing granulate wherein an aqueous enzyme-containing liquid is, optionally supplemented with a solid carrier and/or additive ingredients, processed into granules, dried and subsequently coated with a polyolefin, preferably polypropylene and/or polyethylene. This coated enzyme granulate is suitable for the manufacture of animal feed compositions by mixing the granulate with feed ingredients, treating with steam and pelleting. The coated granulates show high enzyme stability during pelleting conditions and during storage. At the same time, the dissolution time of the granule is very short so that the bioavailability of the enzyme to the animal is improved.

WO 03/059087 A1

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PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)


(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

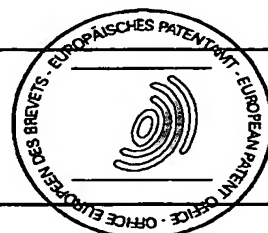
Applicant's or agent's file reference <b>20005WO</b>	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
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Applicant <b>DSM N.V.</b>		

- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This **REPORT** consists of a total of 2 sheets, including this cover sheet.  
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consists of a total of \_\_\_\_\_ sheets.

- This report contains indications relating to the following items:
  - ☒ Basis of the report
  - ☐ Priority
  - ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - ☐ Lack of unity of invention
  - ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - ☐ Certain documents cited
  - ☐ Certain defects in the international application
  - ☐ Certain observations on the international application

Date of submission of the demand <b>13/08/2003</b>	Date of completion of this report <b>11/09/2003</b>
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**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

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International application No PCT/ EP 03/ 00342

**I. Basis of the report**

The basis of this international preliminary examination is the application as originally filed.

**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability**

In light of the documents cited in the international search report, it is considered that the invention as defined in the claims meets the criteria mentioned in Article 33 (1) PCT, i.e. it appears to be novel, to involve an inventive step and to be industrially applicable.